

# LEXCAN MATERIAL SAFETY DATA SHEET

DATE PREPARED: 03/01/09

(5 Pages)

MSDS No: 310131 (C)

## SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

***EPDM & TPO ALL PURPOSE SEALANT***

**Chemical Name:** Universal Single-Ply Sealant  
**Chemical Formula:** *Silyl Terminated Polyether*  
**General Use:** *Moisture Cure Sealant*

### SUPPLIER NAME AND ADDRESS

*Lexcan Industrial Supply Limited*  
*52 Bramwin Court*  
*Brampton, Ontario L6T 5G2*  
*Tel: 905-792-8300 Fax: 905-792-8305*

### EMERGENCY TELEPHONE NUMBER:

*905-792-8300 (24 hours everyday)*

### Regulatory Information Number:

*Tel: 1-877-792-8308*

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

### INGREDIENT(S)

### CAS NUMBER

### % (BY WEIGHT)

*Amino Silane*

*1760-24-3*

*1 - 5*

### HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>NIOSH REL</u>		<u>NIOSH IDLH</u>
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
<b>Amino Silane</b>	None Estab.	None Estab.	None Estab.	None Estab.	None Estab.	None Estab..	N/E

N/E: None Established

## SECTION 3 - HAZARDS IDENTIFICATION

### ★★★★★ EMERGENCY OVERVIEW★★★★★

### POTENTIAL HEALTH EFFECTS

**Routes of Entry:** *Dermal contact, Eye.*

**Acute Eye Contact:** *Direct contact can cause severe irritation.*

**Acute Skin Contact:** *Direct Contact may cause slight irritation.*

**Skin Absorption:** *Not Toxic.*

**Acute Inhalation:** *Product is extremely low in volatility and, therefore, not likely to pose a problem from inhalation.*

**Acute Ingestion:** *May be harmful if ingested. Not a likely route of entry.*

**Chronic effects of Exposure:** *Repeated or prolonged direct contact to the skin may cause dermatitis.*

**Medical Conditions Aggravated by Exposure:** *Pre-existing skin & eye disorders may be aggravated by direct contact to this product.*

**Carcinogenicity:** *There are not components in this product that are listed as a carcinogen by NTP, IARC, ACGIH, or OSHA.*

### HMIS

**H** 1

**F** 0

**R** 0

**PPE\***

\*Sec. 8

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## SECTION 4 - FIRST AID MEASURES

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**First Aid for Eyes:** *Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.*

**First Aid for Skin:** *Clean product from affected areas with Ethyl alcohol, then wash with soap and water.*

**First Aid for Inhalation:** *An unlikely route of entry. Remove to fresh air. Consult a physician.*

**First Aid for Ingestion:** *An unlikely route of entry. Consult a physician.*

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## SECTION 5 - FIRE FIGHTING MEASURES

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**FLASH POINT:** *Not Applicable.*

**FLASH POINT METHOD:** *Not Applicable.*

**AUTO-IGNITION TEMPERATURE:** *Not Applicable.*

**LEL:** *Not Applicable.*                      **UEL:** *Not Applicable.*

**FLAMMABILITY CLASSIFICATION:** *Not considered flammable.*

**EXTINGUISHING MEDIA:** *Carbon Dioxide (CO<sub>2</sub>), Water, Dry Chemical, or Foam.*

**UNSUITABLE EXTINGUISHING MEDIA:**

**Unusual Fire or Explosion Hazards:** *None known.*

**Hazardous Decomposition Products:** *Thermal decomposition may release toxic fumes of carbon monoxide and /or carbon dioxide.*

**Fire Fighting Procedures:** *Wear full protective clothing including helmet, self contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask and protective covering for exposed areas of the head.*

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** *Observe all personal protective equipment regulations described in Sections 5 & 8.*

**Environmental Precautions:** *Disposal of collected product, residues and cleanup materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations.*

**Spill and Leak Procedure:** *Collect spill with absorbent material such as cardboard and place into a container approved for waste disposal.*

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## SECTION 7 - HANDLING AND STORAGE

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**Handling:** *Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact.*

**Storage:** *Store in a cool dry area (this product polymerizes when in contact with moisture.)*

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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Exposure Guidelines:** *No established limits.*

**Engineering Controls:** *No specific controls are needed.*

### PERSONAL PROTECTIVE EQUIPMENT

**Eye Protection:** *Wear safety glasses or goggles to avoid eye contact.*

**Skin Protection:** *Wear impervious gloves such as vinyl to minimize contact with skin.*

**Respiratory Protection:** *Not required.*

**Work/Hygienic Practices:** *Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.*

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** *Slid (Paste)*

**APPEARANCE AND ODOUR:** *Mild ester odour.*

**ODOUR THRESHOLD:** *Not Determined*

**VAPOUR PRESSURE:** *Not Established*

**VAPOUR DENSITY (AIR =1):** *>1*

**FORMULA WEIGHT:**

**DENSITY:** *13.35 Lbs/gal*

**SPECIFIC GRAVITY (H2O)=1, at 4°C):** *.1*

**pH:** *Not Established*

**WATER SOLUBILITY:** *NIL*

**OTHER SOLUBILITIES:**

**BOILING POINT (°C):** *Not established*

**FREEZING/MELTING POINT (°C):** *Not Established*

**VISCOSITY:** *Greater than 800.000 cps at 77°F / 25°C*

**REFRACTIVE INDEX:**

**SURFACE TENSION:**

**% VOLATILE by VOLUME:** *79 – 83 %*

**EVAPORATION RATE (nBuAc=1):** *Not applicable*

**VOLATILE ORGANIC CONTENT:** *0 g/L*

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## SECTION 10 - STABILITY AND REACTIVITY

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**STABILITY:** *Stable*

**POLYMERIZATION:** *Hazardous polymerization will not occur.*

**CHEMICAL INCOMPATIBILITIES:** *None known.*

**CONDITIONS TO AVOID:** *None known.*

**HAZARDOUS DECOMPOSITION PRODUCTS:** *None known.*

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**TOXICITY DATA:**

*Information below is based on Amino Silane (Refer to Section 2 and 3).*

**Oral:** *Result: LD50 > 2,000 mg/kg. Remark: Very low order of toxicity.*

**Skin Absorption:** *Result: LD50 > 2000 mg/kg. Remark: Very low order of toxicity.*

**Skin/Direct Contact: Result:** *Slight irritation.*

**Eye Direct Contact:** *Result: Severe irritation. Remark: Causes corneal injury.*

**Exposure Limits:** *Not Applicable.*

**Sensitization:** *No.*

**Reproductive Toxicity:** *No.*

**Mutagenicity:** *No.*

**Teratogenicity:** *No.*

**Synergistic Products:** *None.*

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## SECTION 12 - ECOLOGICAL INFORMATION

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*No Known applicable information,*

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## SECTION 13 - DISPOSAL CONSIDERATION

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**DISPOSAL:** *Dispose in accordance with all local, state, and federal regulations.*

## SECTION 14 - TRANSPORT INFORMATION

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**Special Shipping Information:** *None*

**DOT:** *Not regulated.*

**TDG:** *Not available.*

**PIN:** *Not available.*

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## SECTION 15 - REGULATORY INFORMATION

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**OSHA 29 CFR 1910-1200:** *Irritant*

**TSCA:** *All components of this product are listed on TSCA inventory.*

**CERCLA: Reportable Quantity:** *Not applicable.*

**SARA Title III:**

**Section 302 Extremely Hazardous Substances:** *None*

**Section 304:** *Not Applicable.*

**Section 311/312:** *Immediate (acute) health hazard.*

**Section 313:** *None*

**RCRA:** *Refer to Section 13.*

**California Proposition 65:** *This product contains no levels of listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm.*

**WHMS Classification:** *D2B.*

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## SECTION 16 - OTHER INFORMATION

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**PREPARED BY:** *Research and Development*

**REVISION NOTES:** *New*

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**PREPARED BY:** LEXCAN INDUSTRIAL SUPPLY LIMITED • TEL: (905) 792-8300 • TOLL FREE: 1-877-792-8308

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Supplied in New Zealand By:



**Head Office**  
PO Box 35-190  
Christchurch 8640  
New Zealand  
PH: +64 3 366 9495  
FAX: +64 3 366 9496

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